



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 7

Test Date: March 2009  
Code: 11421371  
SAU: Richmond School Department  
School: Richmond Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores .....	2
Summary of Student Participation .....	3
English Language Arts – Reading Results .....	4-6
Mathematics Results .....	7-9

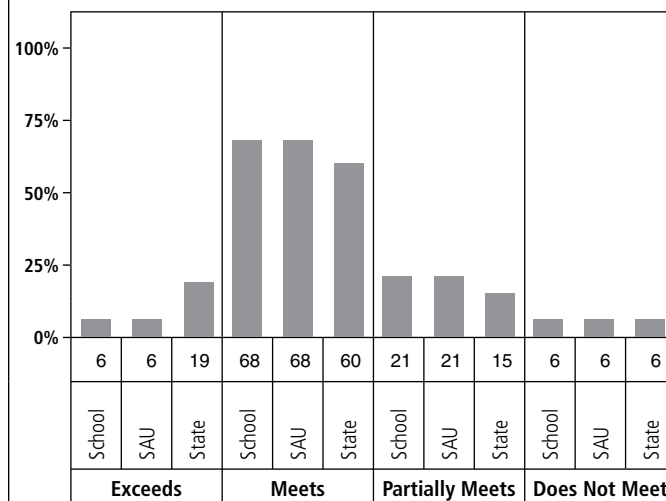
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 7  
SAU: Richmond School Department  
School: Richmond Middle School

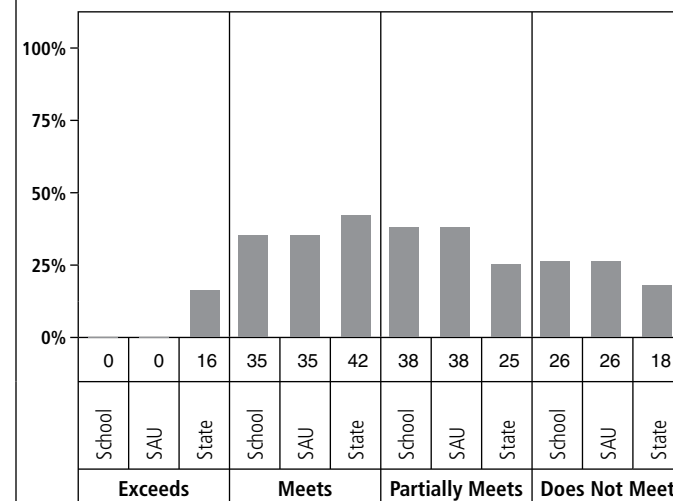
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	746	746	748
2007–2008	747	747	750
<b>2008–2009</b>	<b>749</b>	<b>749</b>	<b>751</b>
Cum. Avg.*	747	747	750
<b>Mathematics</b>			
2006–2007	741	741	742
2007–2008	738	738	743
<b>2008–2009</b>	<b>736</b>	<b>736</b>	<b>745</b>
Cum. Avg.*	738	738	743

## ELA – READING



## MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 7  
SAU: Richmond School Department  
School: Richmond Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	35	100	35	100	14446	100	34	100	34	100	14316	99	34	100	34	100	14322	99						
<b>Ethnicity</b> African American/Black	1	3	1	3	432	3	1	100	1	100	416	97	1	100	1	100	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	0	0	0	0	260	2	0	0	0	0	255	98	0	0	0	0	259	100						
Hispanic	0	0	0	0	147	1	0	0	0	0	144	99	0	0	0	0	144	99						
Caucasian/White	34	97	34	97	13483	93	33	100	33	100	13380	99	33	100	33	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Identified disability</b>	4	11	4	11	2428	17	4	100	4	100	2391	99	4	100	4	100	2391	99						
<b>Current LEP</b>	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
<b>Economically disadvantaged</b>	14	40	14	40	5498	38	14	100	14	100	5431	99	14	100	14	100	5436	99						
<b>Migrant</b>	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	31	89	31	89	11742	81	31	89	31	89	11754	81						
Identified disability (PET/IEP)	1	3	1	3	367	3	1	3	1	3	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	0	0	0	0	183	2	0	0	0	0	187	2						
<b>Participation with accommodations</b>	3	9	3	9	2367	16	3	9	3	9	2366	16						
Identified disability (PET/IEP)	3	100	3	100	1819	77	3	100	3	100	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	0	0	0	0	84	4	0	0	0	0	80	3						
Other	0	0	0	0	358	15	0	0	0	0	346	15						
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	205	1	0	0	0	0	202	1						
Identified disability (PET/IEP)	0	0	0	0	205	100	0	0	0	0	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	2	0												
<b>Approved non-participation – special consideration</b>	1	3	1	3	33	0	1	3	1	3	32	0						
<b>Non-participation – other</b>	0	0	0	0	97	1	0	0	0	0	92	1						

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 7  
SAU: Richmond School Department  
School: Richmond Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	3	10	3	10	2630	18
	2007-2008	2	5	2	5	2604	18
	<b>2008-2009</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>2618</b>	<b>19</b>
	Cum. Total*	7	6	7	6	7852	18
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	18	60	18	60	7605	51
	2007-2008	28	64	28	64	8049	55
	<b>2008-2009</b>	<b>23</b>	<b>68</b>	<b>23</b>	<b>68</b>	<b>8484</b>	<b>60</b>
	Cum. Total*	69	64	69	64	24138	56
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	5	17	5	17	3000	20
	2007-2008	13	30	13	30	2672	18
	<b>2008-2009</b>	<b>7</b>	<b>21</b>	<b>7</b>	<b>21</b>	<b>2108</b>	<b>15</b>
	Cum. Total*	25	23	25	23	7780	18
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	4	13	4	13	1620	11
	2007-2008	1	2	1	2	1190	8
	<b>2008-2009</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>899</b>	<b>6</b>
	Cum. Total*	7	6	7	6	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.9	58.8	32.9	58.8	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.1	55.5	11.1	55.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.8	60.6	21.8	60.6	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 7  
 SAU: Richmond School Department  
 School: Richmond Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	34	2	6	23	68	7	21	2	6	749	34	6	68	21	6	749	14109	19	60	15	6	751
<b>Ethnicity</b>																						
African American/Black	1										1						409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	0										0						253	24	59	11	6	753
Hispanic	0										0						142	14	56	17	13	747
Caucasian/White	33	2	6	22	67	7	21	2	6	748	33	6	67	21	6	748	13188	19	61	15	6	751
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	4										4						2186	2	36	35	27	737
No	30	2	7	21	70	6	20	1	3	749	30	7	70	20	3	749	11923	22	65	11	3	754
<b>Current LEP</b>																						
Yes	0										0						311	4	41	29	26	739
No	34	2	6	23	68	7	21	2	6	749	34	6	68	21	6	749	13798	19	61	15	6	751
<b>Economically disadvantaged</b>																						
Yes	14	0	0	11	79	1	7	2	14	748	14	0	79	7	14	748	5300	8	58	22	11	746
No	20	2	10	12	60	6	30	0	0	749	20	10	60	30	0	749	8809	25	61	10	4	754
<b>Migrant</b>																						
Yes	0										0						8	13	50	38	0	747
No	34	2	6	23	68	7	21	2	6	749	34	6	68	21	6	749	14101	19	60	15	6	751
<b>Gender</b>																						
Female	19	2	11	14	74	3	16	0	0	753	19	11	74	16	0	753	6993	24	61	11	4	754
Male	15	0	0	9	60	4	27	2	13	743	15	0	60	27	13	743	7116	14	60	18	8	749
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1025	10	53	27	11	745
No	34	2	6	23	68	7	21	2	6	749	34	6	68	21	6	749	13084	19	61	14	6	752
<b>Gifted/talented program</b>																						
Yes	0										0						676	66	33	1	0	766
No	34	2	6	23	68	7	21	2	6	749	34	6	68	21	6	749	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 7  
SAU: Richmond School Department  
School: Richmond Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	3	0	0	1	100	0	0	0	0	756	3	0	100	0	0	756	7	8	48	25	19	743
B. less than one hour	55	1	6	11	61	4	22	2	11	747	55	6	61	22	11	747	52	17	62	15	6	751
C. one to two hours	39	1	8	10	77	2	15	0	0	751	39	8	77	15	0	751	37	23	61	12	4	753
D. more than two hours	3	0	0	0	0	1	100	0	0	738	3	0	0	100	0	738	4	19	53	18	10	750
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	25	2	25	6	75	0	0	0	0	758	25	25	75	0	0	758	30	33	56	7	4	756
B. good	44	0	0	7	50	5	36	2	14	743	44	0	50	36	14	743	49	16	64	14	5	751
C. fair	31	0	0	8	80	2	20	0	0	747	31	0	80	20	0	747	19	5	59	26	10	745
D. poor	0										0						3	3	45	32	21	740
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	53	2	12	11	65	4	24	0	0	751	53	12	65	24	0	751	33	24	62	10	3	754
B. They match some of what I have learned.	34	0	0	8	73	2	18	1	9	746	34	0	73	18	9	746	52	18	62	15	5	751
C. They match just a little of what I have learned.	9	0	0	2	67	0	0	1	33	742	9	0	67	0	33	742	11	11	54	23	13	746
D. There is no match.	3	0	0	0	0	1	100	0	0	738	3	0	0	100	0	738	3	6	38	29	27	739
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	15	1	20	2	40	1	20	1	20	749	15	20	40	20	20	749	17	16	55	18	12	748
B. about the same as my regular schoolwork	58	1	5	14	74	4	21	0	0	748	58	5	74	21	0	748	65	19	62	14	5	752
C. easier than my regular schoolwork	27	0	0	6	67	2	22	1	11	748	27	0	67	22	11	748	17	22	60	13	5	752
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	6	0	0	0	0	1	50	1	50	733	6	0	0	50	50	733	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	70	1	4	17	74	4	17	1	4	749	70	4	74	17	4	749	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	24	1	13	5	63	2	25	0	0	751	24	13	63	25	0	751	38	28	60	9	3	756
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	48	1	6	11	69	3	19	1	6	748	48	6	69	19	6	748	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	48	1	6	11	69	3	19	1	6	749	48	6	69	19	6	749	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	1	100	0	0	738	3	0	0	100	0	738	5	9	51	26	15	744
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	18	0	0	6	100	0	0	0	0	754	18	0	100	0	0	754	21	27	57	11	5	755
B. 20 minutes to an hour	39	2	15	6	46	3	23	2	15	746	39	15	46	23	15	746	45	22	62	12	4	753
C. less than 20 minutes	9	0	0	3	100	0	0	0	0	751	9	0	100	0	0	751	13	13	61	17	8	749
D. I rarely read at home.	33	0	0	7	64	4	36	0	0	747	33	0	64	36	0	747	21	7	59	24	11	746
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 7  
SAU: Richmond School Department  
School: Richmond Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	3	10	3	10	2142	14
	2007-2008	0	0	0	0	2028	14
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2220</b>	<b>16</b>
	Cum. Total*	3	3	3	3	6390	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	13	43	13	43	5642	38
	2007-2008	20	45	20	45	5703	39
	<b>2008-2009</b>	<b>12</b>	<b>35</b>	<b>12</b>	<b>35</b>	<b>5879</b>	<b>42</b>
	Cum. Total*	45	42	45	42	17224	40
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	6	20	6	20	4077	27
	2007-2008	16	36	16	36	3733	26
	<b>2008-2009</b>	<b>13</b>	<b>38</b>	<b>13</b>	<b>38</b>	<b>3537</b>	<b>25</b>
	Cum. Total*	35	32	35	32	11347	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	8	27	8	27	3001	20
	2007-2008	8	18	8	18	3054	21
	<b>2008-2009</b>	<b>9</b>	<b>26</b>	<b>9</b>	<b>26</b>	<b>2484</b>	<b>18</b>
	Cum. Total*	25	23	25	23	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	23.6	42.1	23.6	42.1	29.9	53.4
<b>A. Number</b>	<b>14</b>	<b>25</b>	6.3	45.0	6.3	45.0	7.7	55.0
<b>B. Data</b>	<b>16</b>	<b>29</b>	5.6	35.0	5.6	35.0	8.1	50.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	6.5	54.2	6.5	54.2	6.9	57.5
<b>D. Algebra</b>	<b>14</b>	<b>25</b>	5.2	37.1	5.2	37.1	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 7  
 SAU: Richmond School Department  
 School: Richmond Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	34	0	0	12	35	13	38	9	26	736	34	0	35	38	26	736	14120	16	42	25	18	745
<b>Ethnicity</b>																						
African American/Black	1										1						416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	0										0						258	25	43	19	13	750
Hispanic	0										0						142	8	39	23	30	739
Caucasian/White	33	0	0	12	36	12	36	9	27	736	33	0	36	36	27	736	13185	16	42	25	17	745
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	4										4						2189	2	17	27	53	728
No	30	0	0	10	33	11	37	9	30	735	30	0	33	37	30	735	11931	18	46	25	11	748
<b>Current LEP</b>																						
Yes	0										0						323	4	20	28	48	729
No	34	0	0	12	35	13	38	9	26	736	34	0	35	38	26	736	13797	16	42	25	17	745
<b>Economically disadvantaged</b>																						
Yes	14	0	0	6	43	6	43	2	14	738	14	0	43	43	14	738	5308	7	35	30	28	738
No	20	0	0	6	30	7	35	7	35	734	20	0	30	35	35	734	8812	21	46	22	11	749
<b>Migrant</b>																						
Yes	0										0						8	0	50	38	13	742
No	34	0	0	12	35	13	38	9	26	736	34	0	35	38	26	736	14112	16	42	25	18	745
<b>Gender</b>																						
Female	19	0	0	7	37	8	42	4	21	737	19	0	37	42	21	737	6992	16	43	25	16	745
Male	15	0	0	5	33	5	33	5	33	735	15	0	33	33	33	735	7128	15	41	25	19	744
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1024	7	26	36	31	736
No	34	0	0	12	35	13	38	9	26	736	34	0	35	38	26	736	13096	16	43	24	17	745
<b>Gifted/talented program</b>																						
Yes	0										0						676	68	29	2	0	767
No	34	0	0	12	35	13	38	9	26	736	34	0	35	38	26	736	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
 Grade: 7  
 SAU: Richmond School Department  
 School: Richmond Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	3	0	0	0	0	1	100	0	0	730	3	0	0	100	0	730	7	6	30	28	36	735
B. less than one hour	55	0	0	5	28	9	50	4	22	736	55	0	28	50	22	736	52	16	42	25	17	745
C. one to two hours	39	0	0	6	46	3	23	4	31	738	39	0	46	23	31	738	37	18	44	24	14	747
D. more than two hours	3	0	0	0	0	0	0	1	100	702	3	0	0	0	100	702	4	15	38	24	22	743
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	6	0	0	1	50	0	0	1	50	736	6	0	50	0	50	736	26	35	43	12	9	754
B. good	48	0	0	6	38	9	56	1	6	740	48	0	38	56	6	740	46	13	48	25	15	745
C. fair	33	0	0	2	18	3	27	6	55	729	33	0	18	27	55	729	23	3	32	37	27	737
D. poor	12	0	0	2	50	1	25	1	25	736	12	0	50	25	25	736	5	1	22	37	40	731
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	24	0	0	1	13	3	38	4	50	731	24	0	13	38	50	731	26	23	43	20	13	749
B. They match some of what I have learned.	55	0	0	8	44	7	39	3	17	738	55	0	44	39	17	738	53	15	45	26	15	746
C. They match just a little of what I have learned.	15	0	0	1	20	3	60	1	20	737	15	0	20	60	20	737	17	9	35	32	24	740
D. There is no match.	6	0	0	1	50	0	0	1	50	726	6	0	50	0	50	726	4	7	21	22	51	730
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	24	0	0	1	13	3	38	4	50	732	24	0	13	38	50	732	37	8	40	29	23	740
B. about the same as my regular schoolwork	67	0	0	8	36	10	45	4	18	737	67	0	36	45	18	737	51	16	44	25	15	746
C. easier than my regular schoolwork	9	0	0	2	67	0	0	1	33	733	9	0	67	0	33	733	12	41	35	13	11	755
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	39	0	0	5	38	4	31	4	31	737	39	0	38	31	31	737	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	58	0	0	6	32	9	47	4	21	737	58	0	32	47	21	737	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	0	0	1	100	702	3	0	0	0	100	702	5	14	27	25	34	738
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	0										0						8	8	30	29	33	737
B. 30–45 minutes	55	0	0	6	33	6	33	6	33	733	55	0	33	33	33	733	38	13	40	27	20	743
C. 45–60 minutes	42	0	0	5	36	7	50	2	14	739	42	0	36	50	14	739	42	20	45	23	12	748
D. more than 60 minutes	3	0	0	0	0	0	0	1	100	726	3	0	0	0	100	726	12	16	42	25	17	745
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	12	0	0	2	50	2	50	0	0	742	12	0	50	50	0	742	15	19	38	25	19	745
B. two or three days a week	27	0	0	3	33	3	33	3	33	736	27	0	33	33	33	736	31	18	42	24	16	746
C. two or three times a month	15	0	0	1	20	2	40	2	40	736	15	0	20	40	40	736	26	17	43	24	17	746
D. never or almost never	45	0	0	5	33	6	40	4	27	734	45	0	33	40	27	734	28	11	42	27	19	743
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	0										0						10	12	39	24	24	741
B. two or three days a week	3	0	0	0	0	1	100	0	0	732	3	0	0	100	0	732	22	13	43	26	18	744
C. two or three times each month	9	0	0	2	67	1	33	0	0	743	9	0	67	33	0	743	33	18	44	25	13	747
D. never or almost never	88	0	0	9	31	11	38	9	31	735	88	0	31	38	31	735	35	16	40	25	19	744
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

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